A Single-Product Dynamical Model With Bounded Structure, by I. G. Globenko.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 6, 1968, pp 1253-1256.

The Am Math Soc
Vol 9, No 5, 1968

Mar 69

376,418

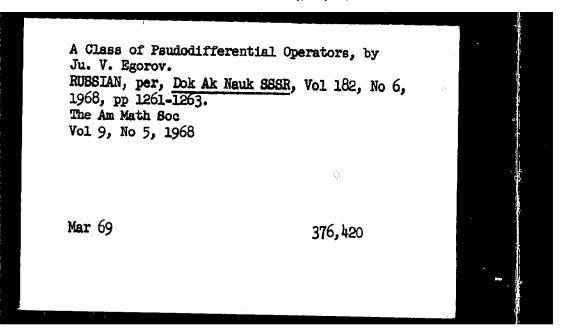
The Appearance of Discontinuities in the Continuation of Solutions of Nonlinear Mixed Problems for Hyperbolic Equations in the Plane, by V. N. Gol'dberg.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 6, 1968, pp 1257-1260.

The Am Math Soc Vol 9, No 5, 1968

Mar 69

376,419



The Cauchy Problem for a Class of Nonlinear Second-Order Differential Equation in Hilbert Space, by T. H. Yenikeyeva.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 6, 1968, pp 1264-1267.
The Am Math Soc
Vol 9, No 5, 1968

Mar 69

376,421

The Structure of the Fundamental Classes of Sets in Topological Spaces of Weight, by Z. I. Kozlova.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 6, 1968, pp 1268-1270.

The Am Math Soc
Vol 9, No 5, 1968

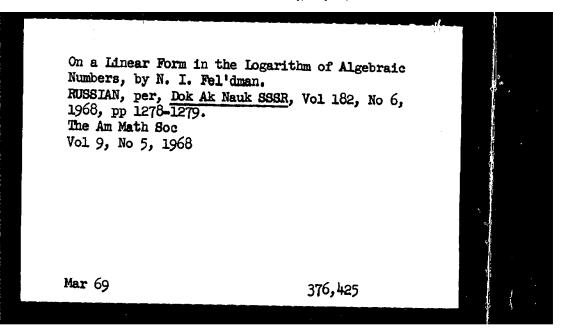
Mar 69

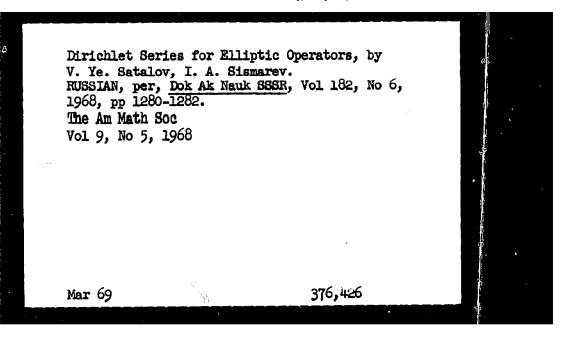
376,422

A Numerical Method for Finding Partially Stable Singular Points of Ordinary Differential Equations, by A. I. Kononenko, V. D. Mil'Man. RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 6, 1968, pp 1271-1273.

The Am Math Soc Vol 9, No 5, 1968

Dimensionality of Products of Bicompact Spaces, by I. K. Hifanov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 6, 1968, pp 1274-1277.
The Am Math Soc Vol 9, No 5, 1968

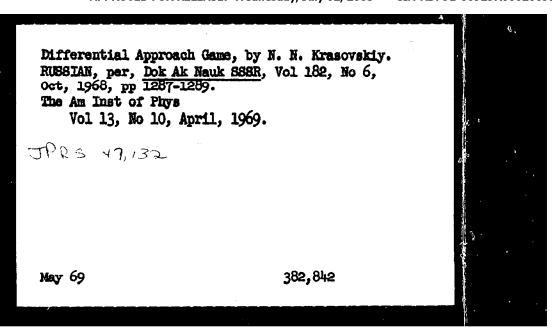




Structural Stability Conditions and Classification of the Cells of a Three-Dimensional Dynamical System Without Closed Orbits, by K. Yesmuradov. RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 6, 1968, pp 1283-1286.
The Am Math Soc Vol 9, No 5, 1968

Mar 69

376,427



Thermodynamic Model of Adaptation, by Yu. I. Shmukler.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 6,
Oct, 1968, pp 1290-1293.
The Am Inst of Phys
Vol 13, No 10, 1969.

TPRS 40, 152

May 69

382,843

Ioss of the Lunar Atmosphere by an Adsorptive Mechanism, by A. M. Gutkin, M. S. Markov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 6, Oct, 1968, pp 1294-1295.

The Am Inst of Phys
Vol 13, No 10, 1969.

NLL R. 3546(T 514 R)

NTC 72-12872-03/3

Generalized Bogolyubov Functions and the Elements
of the Causal S Matrix, by L. Sh. Khodshayev.
RUSSIAN, per, Bak Ak Nauk SSSR, Vol 182, No 5,
Oct, 1968, pp 1296-1299.
The Am Inst of Phys
Vol 13, No 10, 1969.

May 69

382,849

Slip of Liquids in Capillaries, by B. V. Deryagin,
N. N. Fedyakin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 6,
OCt, 1968, pp 1300-1302.
The Am Inst of Phys
Vol 13, No 10, 1969.

Some Experimental Inferences From the Analyticity of the Form Factor, by Nguyen Van Hieu.
RUSSIAN, per, Dok Ak Hauk SSSR, Vol 182, No 6,
Oct, 1968, pp 1303-1305.
The Am Inst of Phys
Vol 13, No 10, 1969.

Crystal-Lattice Distortions of Nickel-Chromium Alloys During Ordering, by Ye. Z. Vintaykin, Ye. N. Vlasova.

RUSSIAN, per, Dok Ak Mauk SSR, Vol 182, No 6, Oct, 1968, pp 1306-1309.

The Am Inst of Phys Vol 13, No 10, 1969.

YE.Z. VINTAYKIN

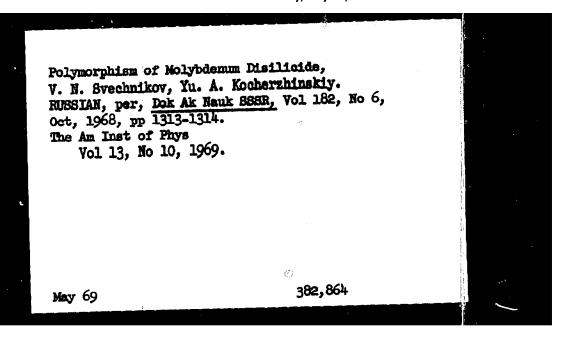
May 69

382,862

Substantiation of the Strength Criterion of Brittle Solids Under Conditions of Nonuniform Triaxial Compression, by A. I. Markov,
N. V. Mikhaylov.
RUBSIAN, per, Dok AkNauk SSSR, Vol 182, No 6,
Oct, 1968, pp 1310-1312,
The Am Inst of Phys
Vol 13, No 10, 1969.

May 69

382,863



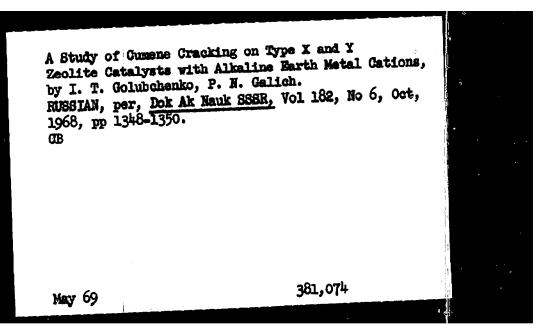
Equations for Calculation of Structural Factors and Their Derivatives in the Case of Anisotropic Thermal Vibrations, by V. I. Burdina.

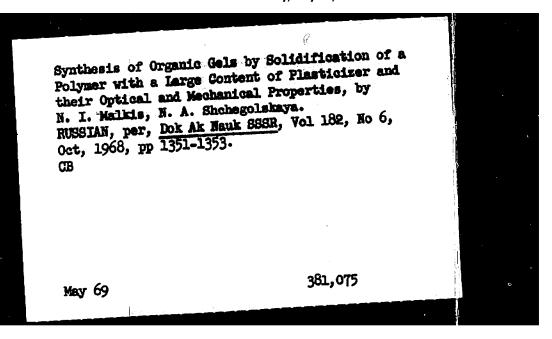
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 6, Oct, 1968, pp 1315-1318.

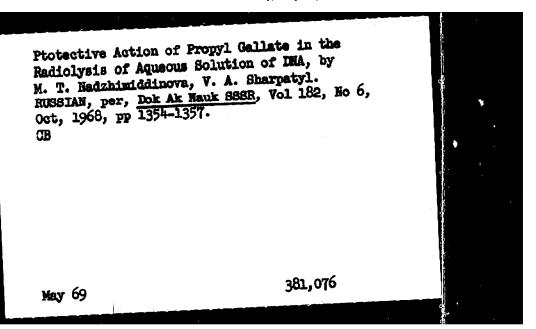
The Am Inst of Phys
Vol 13, No 10, April, 1969.

May 69

382,638







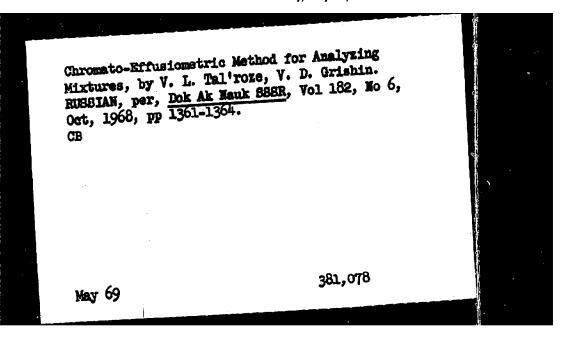
A Study of the Reactivity of Oxygen Adsorbed on Silver and Relation Between the Reactivity and the Work Function, by L. A. Rudnitskiy,
L. I. Shakhovskaya.

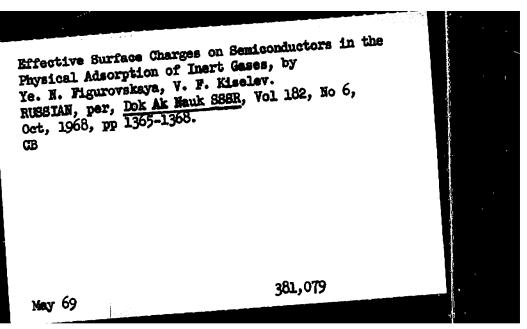
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 6,
Oct, 1968, pp 1358-1360.

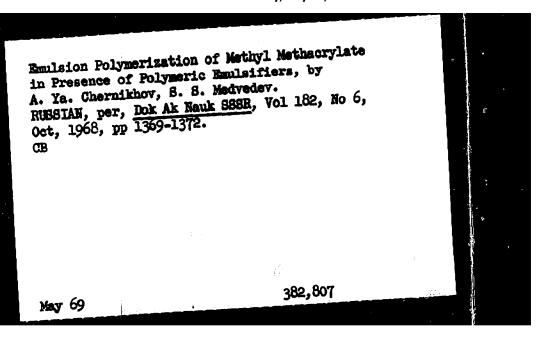
CB

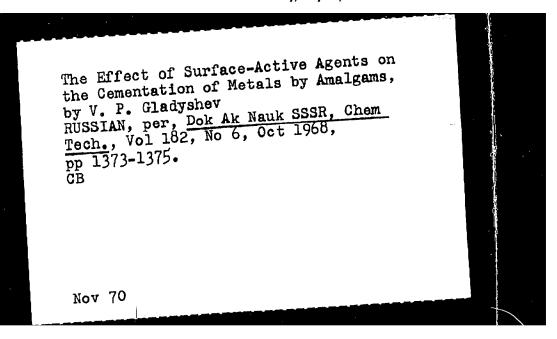
May 69

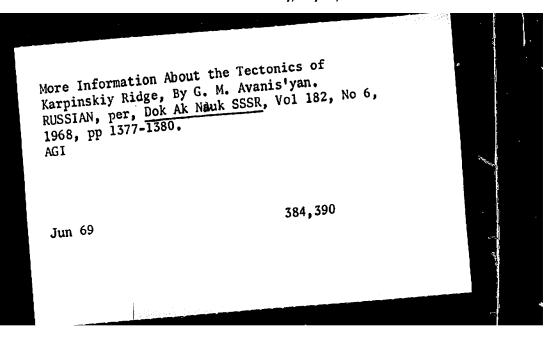
381,077

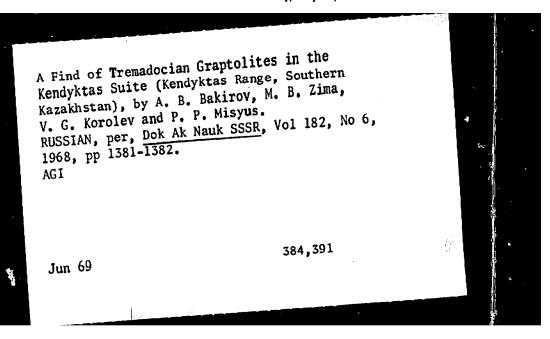


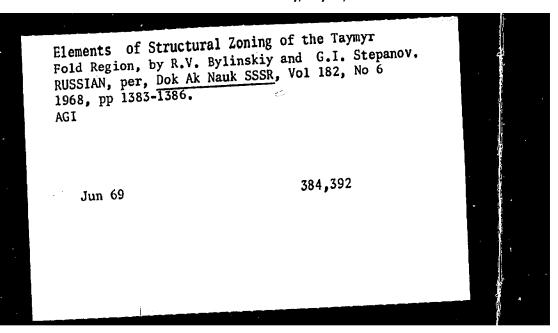


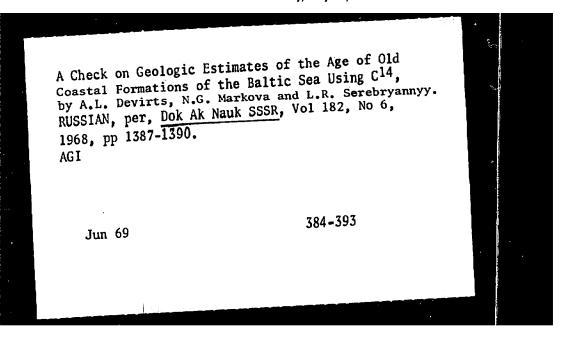


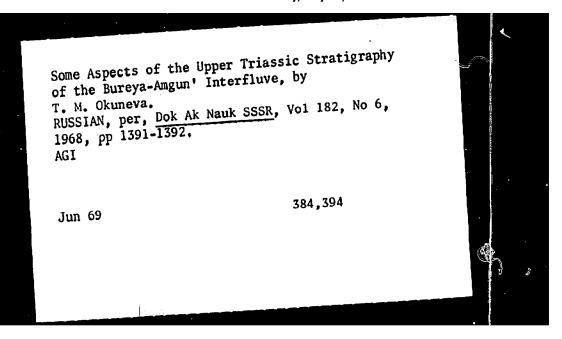


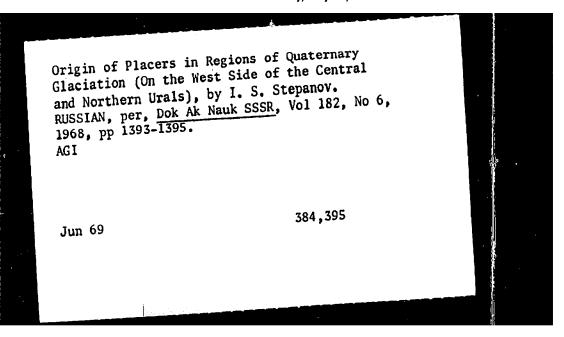


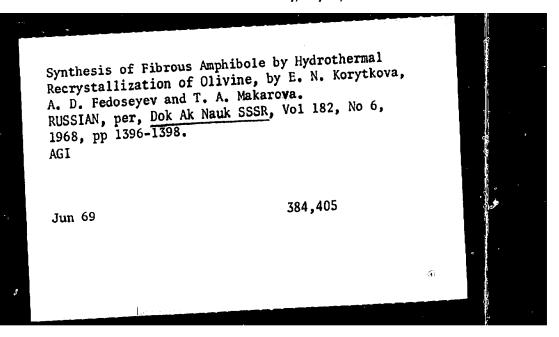


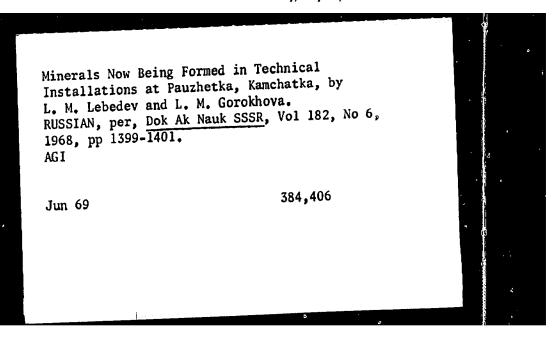


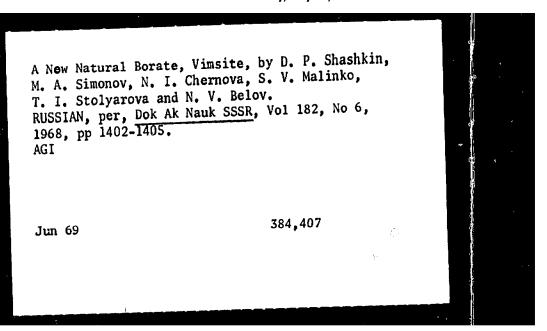


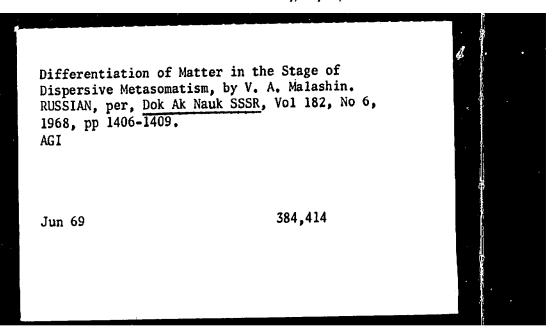


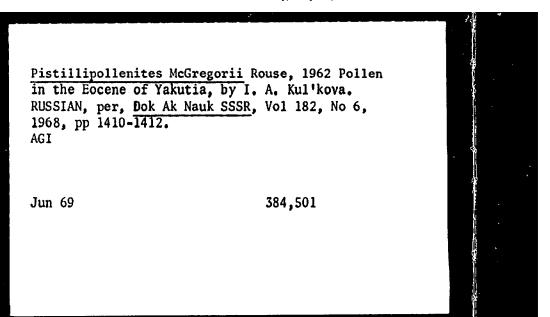


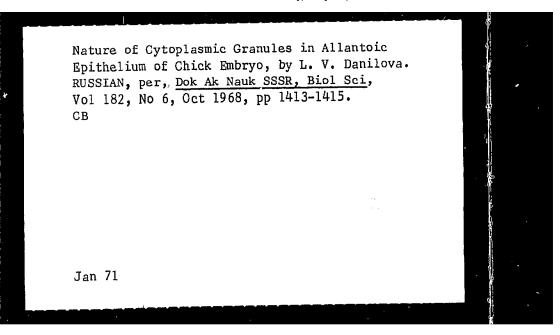


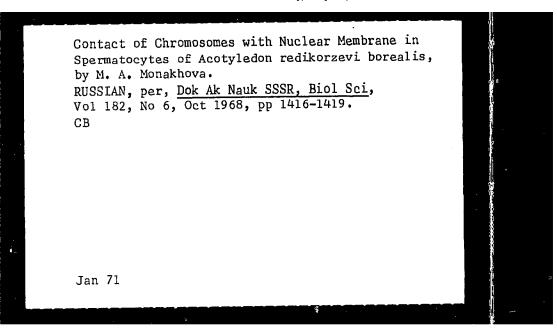


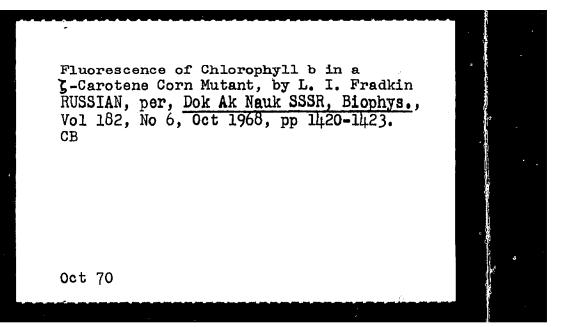






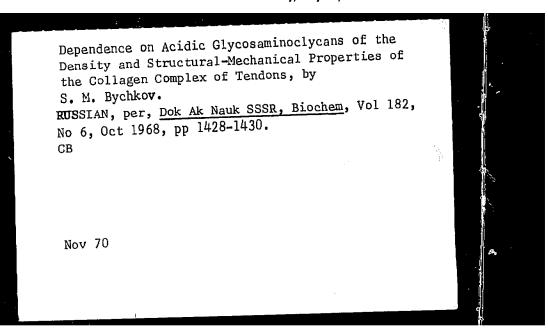


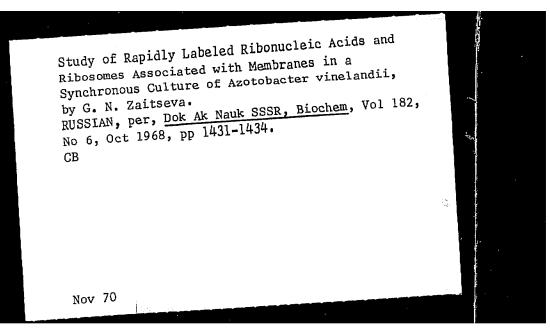


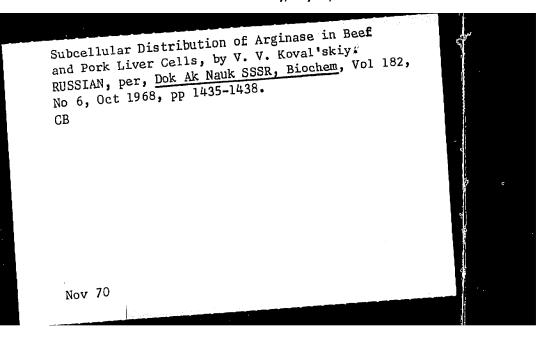


An Investigation of the Functional Groups of the Active Center of Creatine Kinase by the Photooxidation Method, by Ye. P. Chetverikova RUSSIAN, per, Dok Ak Nauk SSSR, Biophys., Vol 182, No 6, Oct 1968, pp 1424-1427. CB

Oct 70

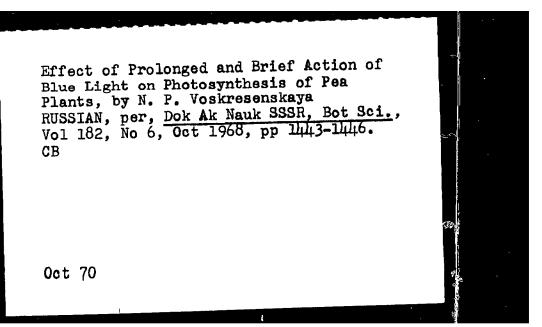


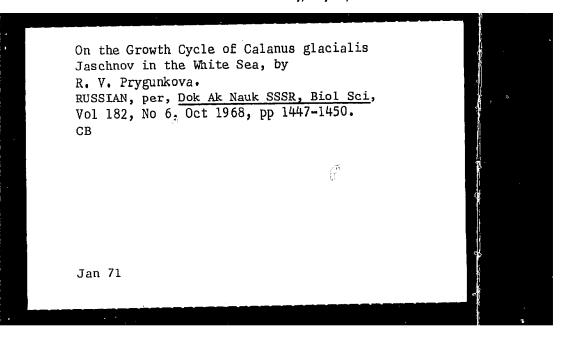




Spectrum of the Energy Yield of Photosynthesis. Anomaly in the Short-Wave Region of the Visible Spectrum, by L. N. Bell RUSSIAN, per, Dok Ak Nauk SSSR, Bot Sci., Vol 182, No 6, Oct 1968, pp 1439-1442. CB

Oct 70





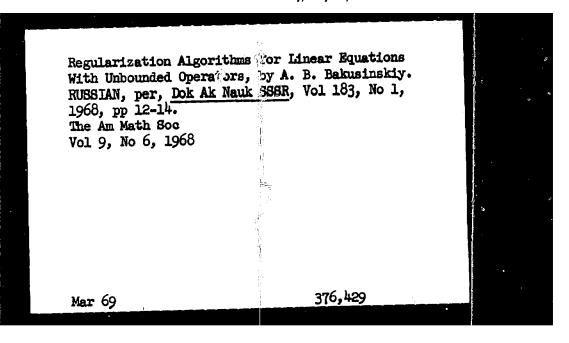
Switching of Environmental Media with the Development of Habituation, by
N. A. Lazareva.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,
Vol 182, No 6, Oct 1968, pp 1451-1453.
CB

Jan 71

Rationality of Multiple Hecke Series of a Complete Linear Group and Shimura's Hypothesis on Hecke's Series of a Symplectic Group, by A. N. Andrianov.
RUSSIAN, per, <u>Dok Ak Nauk SSSR</u>, Vol 183, No 1, 1968, pp 9-11.
The Am Math Soc
Vol 9, No 6, 1968

Mar 69

376,428



Mathematical Programming Problems With Minimum
Point, by V. Z. Belen'kiy.
RUSSIAN, per, Dok Ak Nauk BSSR, Vol 183, No 1,
1968, pp 15-17.
The Am Math Soc
Vol 9, No 6, 1968

Mar 69

376,430

A Contribution to the Topological Theory of Condensing Operators, by Ju. G. Borisovic, Ju. I. Sapronov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 183, No 1, 1968, pp 18-20.
The Am Math Soc
Vol 9, No 6, 1968

Mar 69

376,431

Estimates of Integral Norms of the Eigenfunctions of the Laplace Operator in Certain Domains, by M. L. Gol'dman.

RUBSIAN, per, Dok Ak Nauk SSSR, Vol 183, No 1, 1968, pp 21-24.

The Am Math Soc

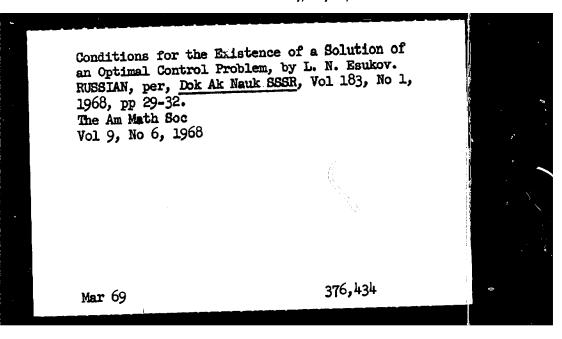
Mar 69

376,432

On Wiener-Hopf Integral-Difference Equations, by
I. C. Gohberg, I. A. Fel'dman.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 183, No 1,
1968, pp 25-28.
The Am Math Soc
Vol 9, No 6, 1968

Mar 69

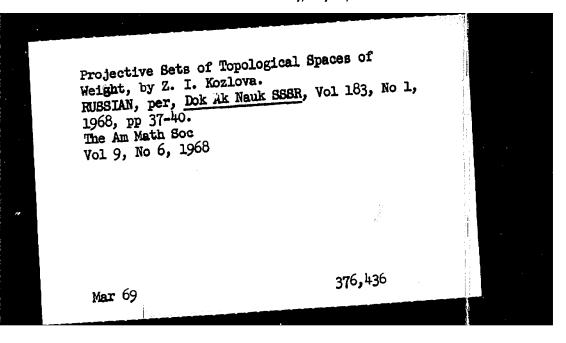
376,433



Three Theorems on Nonlinear Equations Involving Monotonic Operators, by R. I. Kacurovskiy. RUSSIAN, per, Dok Ak Nauk SSSR, Vol 183, No 1, 1968, pp 33-36. The Am Math Soc Vol 9, No 6, 1968

Mar 69

376,435



Fixed Points of Noncompact Mappings, by
V. D. Mil'man, P. D. Mil'man.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 183, No 1,
1968, pp 41-44.
The Am Math Soc
Vol 9, No 6, 1968

Mar 69

376,437

A Priori Estimates of Solutions of Elliptic
Equations in the Class of Analytic Functions, by
V. I. Nalimov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 183, No 1,
1968, pp 45-48.
The Am MathSoc
Vol 9, No 6, 1968

Mar 69

376,438

A Family of Uniform Nets of Formal Neurons, by
A. L. Toom.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 183, No 1,
1968, pp 49-52.
The Am Math Soc
Vol 9, No 6, 1968

Mar 69

376,439

Initial Lhermostructural Stresses in Two-Dimensional Media, by S.D. Volkov, V.P. Stavrov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 183, No. 1,
Nov 1968, pp 53-55.
The Am Inst Phys
Vol 13, No. 11, May 1969

June 69

385-060

A Class of Representations of Canonical Commutations Relations in Quantum Field Theory by, O.I. Zav'yalov, V.N. Sushko.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 183 NO 1, Nov 1968, pp 56-59.
The Am Inst Phys
Vol 13, No 11, May 1969

June 69

385,036

Angular Relationships in the Energy Spectra of Secondary Ions Scattered by a Single Crystal, by, U.A. Arifov, A.A.Aliev.
RUSSIAN, per, Dok AK Nauk SSSR. Vol 183, No 1, Nov ,1968 pp 60-63.
The Am Inst Phys Vol 13, No 11, May 1969

June 69

385.038

The L₁₁ AND L₁₁ X-Ray Emission Bands and the Structure of the 3d Band of Copper, by M.A. Blokhin, V.F. Volkov.
RUSSIA,per, Dok AK Nauk SSSR, Vol 183, No, 1,
Nov, 1968, pp 64-66.
The Am Inst Phys
Vol 13, No 11, May 1969

June 69

385,039

Universal Relation Between the Absorptions and Luminescence Spectra of Semiconductors at High Pumping Intensities, by V.P. Gribkovskii, B I. Stepanov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 183, No, 1, Nov 1968, pp 67-70.
The Am Inst Phys Vol 13, No 11, May 1969

June 69

385,040

The Role of Mercury in Inducing an Anomalous Photoconductivity of Amorphous Selenium by, M.I. Korsunskii, A.D. Volchek.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 183, No.1, Nov, 1968, pp 71-73.
The Am Inst Phys
Vol 13, Noll, May 1969

June 69

385,041

"Quasiisotropic" Approximation to Geometrical
Optics by, Yu. A. Kravtsov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 183, No.,1,
Nov 1968, pp74-76.
The Am Inst Phys
Vol 13, No 11, May 1969

June 69

385,042

Turbulent Heating of a Plasma in a Torus by S.D.Fanchenko, B.A. Demidov. RUSSIAN, per, Dok Ak Nauk SSSR, Vol 183, No.1, NOv 1968, pp77-79
The Am Inst Phys Vol 13, No 11, May 1969

June 69

385,043

Effect of Surface-Active Substances on the Origin of Contact Fatigue Cracks by, K.B. Katsov , A.V. Karpenko. RUSSIA, per, Dok Ak Nauk SSSR, Vol 183, No.1, Nov, 1968, pp80-82.
The Am Inst Phys Vol 13, No 11, May 1969

June 69

385-052

Admixtures to Semiconductors with Stoichiometric Vacanies, by V.M. Koshkin, L.V. Atrochenko. RUSSIAN, per, Dok Ak Nauk SSSR, Vol 183, No.1, Nov 1968, pp 83-86.
The Am Inst Phys Vol 13, No. 11, May 1969

June 69

385-053

Absorption of Nitrogen From a Plasma by Liquid Metal, by V.I. Lakomskii, G.F. Torkhov. RUSSIAN, per, Dok Ak Nauk SSSR, Vol 183, No.1, Nov 1968, pp 87-89. The Am Inst Phys Vol 13, No. 11, May 1969

June 1969

385-054

Study of Articial Miargyrite (AgSbS₂) by the Nuclear Quadrupole Resonance Method, by S.N. Nenasheva, I.N. Pen'kov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 183, No.1, Nov, 1968, pp 90-93.

The Am Inst Phys.

Vol 13, No 11, May, 1969

June 69

Serial No 385,028

Simultaneous Formation of the Pyrrole and Pyridine Rings in Fischer's Synthesis (New Synthesis of a-Carbolins), by A. N. Kost, L. G. Yudin et al., 7 pp.
RUSSIAN, per, Dok1 Aka Nauk SSSR, No 183, 1968, pp 112-115.
AEC/UCRL/Tr-1389-69

Sci/ Chem
May 69

382,684

Observation of a Direct Genetic Link Between Spherolithic and Orientational Supramolecular Order, by V.G. Baranov, D.A. Gasparyan.
RUSSIAN,per, Dok Ak Nauk SSSR, Vol 183, No 1.
Nov. 1968, pp 137-140
CB

June 69

Serial No 384,327

Density of Zinc and Cadimium Arsenides in the **solid** and Liquid states and Their Volume Change on Melting by V.M. Glazov , M. Kasymova RUSSIAN, per, Dok Ak Nauk SSSR, Vol 183, No 1 Nov. 1968, PP 141-143

June 1969

384, 328

The Homogeneous Chemical Equilibrium N₂O₄ = 2NO₂ in Dilute Solutions in Carbon Dioxide in the Vincinity of its Critical Point, by I.R. Drichevskii, Yu. V. Tsekhanskaya.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 183, No 1

Nov. 1968, pp 144-148

CB

June 1969

384, 329

Energy Band Structure and the Nature of the Chemical Bonds in Group IV Elements by A.A. Levin RUSSIAN, per, Dok Ak Nauk SSSR, Vol 183, No 1 Nov. 1968, pp148-149

June 1969

384, 330

Study of the Hudrolysis and Hydrolytic Polymerization of Zirconium and Hafnium Sulfates by the paper Chromatigraphic Method by A.M. Chekmarev, G.A. Yagodin.
RUSSIAN, per Dok Ak Nauk SSSR, Vol 183, No 1
Nov. 1968, pp 150-153
CB

June 1969

384,331

Numerical Method of Calculating the Turbulent Boundary Layer in a Gas Flowing Around a Laminar Film of Liquid, by V. P. Vorotilin RUSSIAN, per, Dok Ak Nauk SSSR, Chem Tech., Vol 183, No 1, Nov 1968, pp 154-157. CB

Nov 70

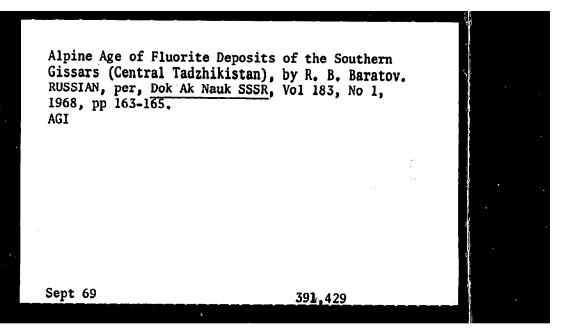
Optimal Programming of Heat Exchanger Systems, by M. F. Nagiyev RUSSIAN, per, Dok Ak Nauk SSSR, Chem Tech., Vol 183, No 1, Nov 1968, pp 158-160.

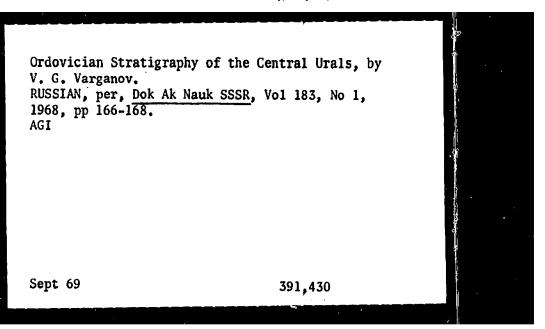
Nov 70

Manganese in Lower Paleozoic Rocks of the North Baikal Highlands, by Yu. M. Bazhin, RUSSIAN, per, Dok Ak Nauk SSSR, Vol 183, No 1, 1968, pp 161-162.

Sept 69

391,428





More Information About the Paleozoic at the Southwestern Fringe of the Turanian Platform, by V. S. Knyasev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 183, No 1, 1968, pp 169-172.

AGI

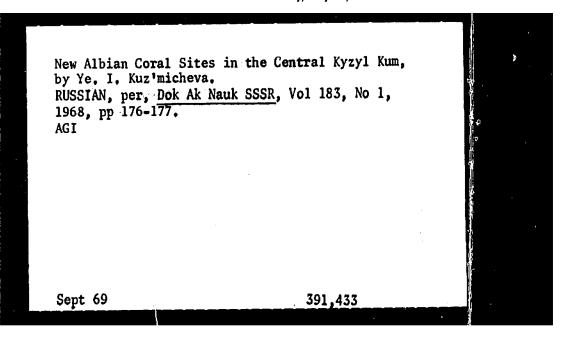
Sept 69

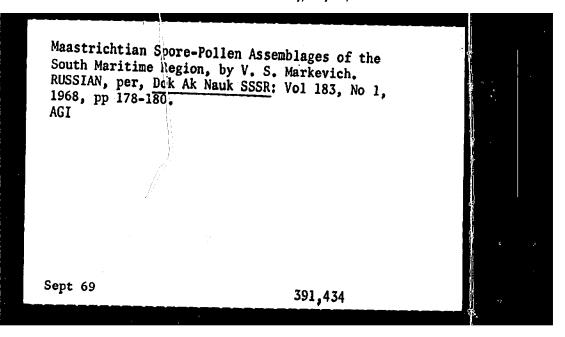
391,431

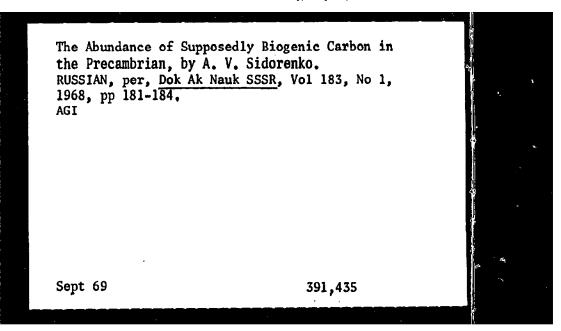
A Devonian Flora Found for the First Time in the Maritime Region, by V. A. Krasilov. RUSSIAN, per, Dok Ak Nauk SSSR, Vol 183, No 1, 1968, pp 173-175. AGI

Sept 69

391,432







Zircon as a Criterion for the Primary Nature of Granulate Rocks of the Kola Peninsula, by G. L. Goroshchenko.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 183, No 1, 1968, pp 185-188.
AGI

Sept 69

391,478

Catalytic Role of Water During the Dehydration of Hydroxyl-Bearing Minerals Under Pressure, by V. I. Lebedev, RUSSIAN, per, Dok Ak Nauk SSSR, Vol 183, No 1, 1968, pp 189-191, AGI

Sept 69

391,468

Influence of Microbiologic Processes on the Isotopic Composition of Sulfur in Some Minerals of the Oxidation Zone, by V. M. Grinenko. RUSSIAN, per, Dok Ak Nauk SSSR, Vol 183, No 1, 1968, pp 192-195.

AGI

Sept 69

391,484

Plant Remains from the Precambrian of Kfivoy Rog, by L. S. Belokrys.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 183, No 1, 1968, pp 196-199.

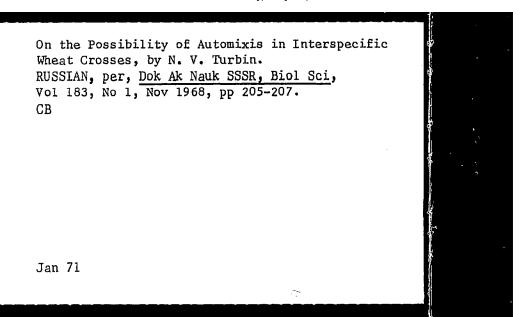
AGI

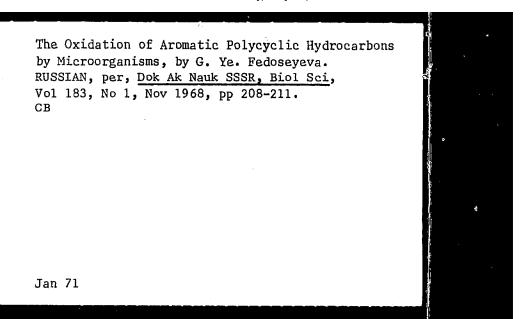
NASA TTF-12, 424

Sept 69

393,147

New Cambrian Cribricyathids from Siberia, by
A. G. Vologdin,
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 183, No 1,
1968, pp 200-203.
AGI





A Calorimetric Investigation of the Nature of the Intramolecular Fusion of Collagen Extracted From a Transplantable Tumor, by Ye. L. Andronikashvili RUSSIAN, per, Dok Ak Nauk SSSR, Biophys., Vol 183, No 1, Nov 1968, pp 212-214. CB

Oct 70

The Immediate Appearance and Accumulation of Chlorophyll b After a Brief Illumination of Etiolated Seedlings, by A. B. Rudoi RUSSIAN, per, Dok Ak Nauk SSSR, Biophys., Vol 183, No 1, Nov 1968, pp 215-218. CB

Oct 70

Effect of Salinization on the Ultraweak
Luminescence of the Root System of
Plants, by K. M. Tsoi
RUSSIAN, per, Dok Ak Nauk SSSR, Biophys.,
Vol 183, No 1, Nov 1968, pp 219-220.
CB

Oct 70